

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	534	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and (primer or sublayer or sub layer or priming) same (plasma or ioniz \$4) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and glass and monitor\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:31
L2	115	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same (glass or transparent or window) and (primer or sublayer or sub layer or priming) same (plasma or ioniz\$4) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and monitor\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:32
L3	1812	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and monitor\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:33
L51	569	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and monitor\$3 and etch\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:35
L52	208	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide or oxide) same etch\$3 and monitor\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:36

L53	29	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and monitor\$3 same (roughen\$3 or etch\$3)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:42
L54	29	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and (silica or "SiO.sub.2" or silicon dioxide or silicon oxide) and monitor\$3 same (roughen\$3 or etch\$3)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:43
L55	42	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) with (glass or transparent or window) and monitor\$3 same (roughen\$3 or etch\$3)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:44
L56	3429	monitor\$3 same (roughen\$3 or etch\$3) same plasma	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:45
L57	2132	l56 and (silica or "SiO.sub.2" or silicon dioxide or silicon oxide)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:45
L58	1630	l56 and (silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same etch\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:46
L59	1097	l56 and (silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same etch\$3 same plasma	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:46
L60	472	l59 and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 06:46
L61	113	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same (plasma with deposit\$3 or CVD or PECVD) same cold and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:30
L62	61	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same (plasma with (deposit\$3 or CVD) or PECVD) same cold and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:32

L63	707	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) and (plasma with (deposit\$3 or CVD) or PECVD) same cold and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:33
L64	554	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) and (plasma with (deposit\$3 or CVD) or PECVD) same cold and glass same substrate	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:33
L65	1412	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same (plasma with (deposit\$3 or CVD or vapor) or PECVD) and cold and glass same substrate	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:37
L66	425	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same (plasma with (deposit\$3 or CVD or vapor) or PECVD) and cold same deposit\$3 and glass same substrate	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:37
L67	63	(silica or "SiO.sub.2" or silicon dioxide or silicon oxide) same (plasma with (deposit\$3 or CVD or vapor) or PECVD) and cold near2 plasma and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/27 07:43
S1	2	((("20080241523") or ("20090214809")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 13:18
S2	4	("5800918"   "6258156"   "6340502"   "6451432").PN.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2010/09/15 13:19
S3	1	("6482524").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 13:56
S4	4	("5328768"   "5459198"   "5550184"   "5552476").PN. OR ("6482524").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 13:56
S5	26	(huignard arnaud or duran maxime).in.	US-PGPUB; USPAT; EPO	ADJ	ON	2010/09/15 13:56
S6	3	((("5324566") or ("4632842") or ("4983459")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 14:00
S7	8514	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4) with glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:18
S8	577	S7 and float	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:19

S9	74	S8 and glaz\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:19
S10	4459	S7 and (silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:23
S11	612	S7 and (silicon or silicon dioxide or silicon oxide or "SiO.sub.2") same (sputter\$3 or plasma or PECVD)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:24
S12	313	S11 and activat\$6	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:24
S13	188	S12 and (fluoro\$6 or \$6silane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:25
S14	191	S12 and (fluoro\$7 or \$6silane \$2)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:25
S15	3389	427/164,165,535,597.ccls.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2010/09/15 14:31
S16	88	S15 and S7	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2010/09/15 14:31
S17	59	S16 and (silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:35
S18	1	("5166000").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 14:38
S19	42	S16 and (silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and plasma	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/15 14:57
S20	48	("4810564"   "5010356"   "5234718"   "5240774"   "5266222").PN. OR ("5580605").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 14:58
S21	8	("4368476"   "4539061"   "4673474"   "4810564"   "4863794"   "4961996"   "5328768"   "5580605").PN. OR ("RE37698").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:00

S22	26	("2951862"   "3012006"   "3114760"   "3127433"   "3427336"   "3579557"   "4120995"   "4539061"   "4673474"   "4724022"   "4983459"   "4992300"   "4997684"   "5011963"   "5133895"   "5328768"   "5580605").PN. OR ("6503567"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:01
S23	76	("20020001676"   "3637416"   "3808027"   "4118540"   "4166891"   "4263350"   "4263371"   "4274856"   "4301197"   "4478909"   "4539061"   "4547432"   "4567221"   "4711820"   "4753827"   "4838946"   "4847160"   "4946903"   "4983459"   "4997684"   "5071709"   "5234718"   "5294252"   "5300239"   "5308705"   "5320875"   "5328768"   "5372851"   "5380585"   "5383354"   "5389427"   "5413865"   "5415927"   "5435839"   "5437894"   "5463010"   "5473037"   "5476717"   "5492762"   "5525660"   "5543171"   "5580605"   "5580606"   "5583896"   "5584917"   "5596061"   "5599625"   "5599893"   "5635246"   "5665424"   "5688864"   "5691011"   "5693236"   "5723172"   "5763091"   "5800916"   "5837644"   "5840252"   "5841931"   "5846279"   "5851674"   "5873931"   "5919296"   "5973055"   "6136444"   "6245387").PN. OR ("6743516").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:02
S24	144	S23 or S22 or S21 or S20	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:02
S25	57	S24 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:02
S26	2	((("6017609") or ("5997943")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 15:12

S27	40	("5266222"   "5556667").PN. OR ("5997943").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:12
S28	8	("4814132"   "5166000"   "5324566").PN. OR ("6017609"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:13
S29	19	("4367388"   "4539061"   "5225274"   "5250322"   "5284707"   "5324543"   "5368892"   "5380585"   "5413865"   "5415927"   "5424130"   "5510141"   "5523161"   "5545255"   "5948476"   "5997943").PN. OR ("6143417").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:16
S30	1	("4687707").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/15 15:19
S31	90	("3986997"   "4211823"   "4478873").PN. OR ("4687707"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/15 15:19
S33	14202	(uemura ryuzo or nishide toshikazu).in. or nissan.as.	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 08:14
S34	4	(uemura ryuzo or nishide toshikazu).in. and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 08:14
S35	25	("4125673"   "4596745"   "4830879"   "4997684"   "5137749").PN. OR ("5266358"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:16
S36	31	("3958073"   "4948760"   "5073195"   "5250322"   "5266358"   "5268198"   "5413865").PN. OR ("5674625"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:17
S37	54	("3859320"   "3950588"   "4024306"   "4263371"   "4276350"   "4301197"   "4529657"   "4617057"   "4724022"   "4879345"   "4944962"   "4983459"   "4997684"   "5266358"   "5294252"   "5308705"   "5314731"   "5314947"   "5328768"   "5368892"   "5413865"   "5421866"   "5424130"   "5425804"   "5489328"   "5523161"   "5523162").PN. OR ("5688864"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:18

S38	11	("3146122"   "4087568"   "4554177"   "5266358"   "5424130").PN. OR ("5693365"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:18
S39	52	("4568578"   "4599272"   "4919778"   "5085926"   "5201926"   "5266358"   "5271960"   "5415794"   "5514454"   "5520996").PN. OR ("5776603").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:19
S40	39	("2526431"   "3481756"   "3758284"   "3950588"   "4263371"   "4276350"   "4301197"   "4381204"   "4529657"   "4617057"   "4724022"   "4879345"   "4983459"   "4997684"   "5221371"   "5250322"   "5266358"   "5308705"   "5314731"   "5328768"   "5368892"   "5413865"   "5421866"   "5424130"   "5425804"   "5523161"   "5523162"   "5674967"   "5688864"   "5693365"   "5707740").PN. OR ("6025025"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:20
S41	6	("4323489"   "5266358"   "5424130"   "5523161"   "6045961").PN. OR ("6623863"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:21
S42	168	S35 or S36 or S37 or S38 or S39 or S40 or S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:22
S43	67	S42 and (PECVD or plasma)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:22
S44	52	("3640093"   "3854961"   "4361598"   "4385086"   "4386134"   "4423112"   "4476156"   "4477499"   "4581252"   "4614673"   "4636440"   "4741778"   "4789563"   "4798629"   "4801399"   "4842837"   "4842901"   "4849378"   "4966812"   "4990377"   "4997482"   "5013588"   "5035745"   "5049414"   "5053081"   "5084356"   "5091009"   "5091224"   "5096738"   "5160455"   "5175027"   "5186745"   "5196382"   "5264197"   "5266358"   "5275796"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:23

		"5281657"   "5316699"   "5318857"   "5328645"   "H000626").PN. OR ("5510147").URPN.				
S45	48	("4440822"   "5318830"   "5342676"   "5387433").PN. OR ("5520996").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:25
S46	1	("5206060").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/16 08:27
S47	18	("4252837"   "4382100"   "4407852"   "4508049"   "4599266"   "4612207"   "4632844"   "4693927"   "4762730").PN. OR ("5206060"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 08:28
S48	100	S44 or S45	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:16
S49	42	S48 and (plasma or PECVD)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:16
S50	24	("4983459"   "4997684"   "5308705"   "5328768"   "5368892").PN. OR ("5523162"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:24
S51	26	("4983459"   "4997684"   "5308705"   "5328768"   "5368892").PN. OR ("5523161"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:24
S52	33	("3127433"   "3453232"   "3950588"   "4024306"   "4263371"   "4276350"   "4301197"   "4529657"   "4549003"   "4574149"   "4617057"   "4724022"   "4879345"   "4983459"   "4997684"   "5266358"   "5308705"   "5314731"   "5328768"   "5368892"   "5413865"   "5421866"   "5424130"   "5425804"   "5523162").PN. OR ("5674967"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:25
S53	64	S50 or S51 or S52	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:32
S54	19493	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:37



S55	52811	("SiO.sub.2" or silicon dioxide or silica or metal oxide or metallic oxide) same (plasma or PECVD)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:38
S56	1092	S54 and S55	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:38
S57	289	S56 and (fluorine or fluorosilane or fluoro silane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:41
S58	11	("5328768"   "5413865").PN. OR ("6001485").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:45
S59	61	("3713869"   "3856534"   "4029842"   "4081421"   "4190681"   "4239798"   "4284685"   "4301212"   "4328646"   "4341841"   "4401500"   "4544582"   "4599272"   "4632527"   "4652497"   "4743327"   "4842941"   "4927704"   "5009920"   "5030478"   "5043390"   "5124058"   "5190807"   "5206308"   "5268217"   "5298587"   "5331487"   "5382614"   "5413865"   "5415927"   "5445871"   "5446209"   "5453539"   "5476717"   "5494742"   "5508368"   "5512374"   "5550331"   "5594231"   "5622784"   "5635245"   "5643423"   "5698266"   "5707742"   "5718967"   "5744227"   "5789071"   "5846650"   "5858536"   "5873931"   "5914151"   "6001485"   "6040053"   "6111696"   "6156389"   "6160067").PN. OR ("6582823").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 09:47
S60	51	("5415927").URPN.	USPAT	ADJ	ON	2010/09/16 09:50
S61	22302	("SiO.sub.2" or silicon dioxide or silica or metal oxide or metallic oxide) same plasma same (air or oxygen or nitrogen or argon or hydrogen or "O.sub.2" or "N.sub.2" or "h.sub.2" or Ar or ammonia or "NH.sub.3" or fluorine or "SF.sub.6" or "CF.sub.4" or "C.sub.2" or "F.sub.6" or sulfur hexafluoride or hexafluoroethane or tetrafluoromethane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:57

S62	685	S54 and S61	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 09:57
S63	2374	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and S61	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:08
S64	1974	S63 and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:09
S65	3396	427/164,165,535,597.ccls.	US-PGPUB; USPAT; USOCR; FPRS	ADJ	ON	2010/09/16 10:09
S66	24	S63 and glass and S65	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:09
S67	33	("5041304").URPN.	USPAT	ADJ	ON	2010/09/16 10:14
S68	81	("2553314"   "3012006"   "3244541"   "3442664"   "3579540"   "3900672"   "3959563"   "4196246"   "4267213"   "4338377"   "4410563"   "4599272"   "4609267"   "4944962"   "5061769"   "5178955"   "5225244"   "T954010").PN. OR ("5622784").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 10:24
S69	55	S68 and plasma	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 10:25
S70	7	("5762697"   "6204202"   "6268457"   "6368400"   "6506497"   "6586104").PN. OR ("6919106").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 10:31
S71	2914	saint gobain.as.	US-PGPUB; USPAT	ADJ	ON	2010/09/16 10:33
S72	243	S71 and glass and plasma	US-PGPUB; USPAT	ADJ	ON	2010/09/16 10:33
S73	20	("3890109"   "4395467"   "4793908"   "4851095"   "4920094"   "4933058"   "5122252"   "5346600").PN. OR ("5569362").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 10:35
S74	198	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and S71	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:37

S75	190	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and S71 and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:37
S76	44	S75 and plasma	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:37
S77	44	S75 and (plasma or ioniz\$3 with gas)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:37
S78	53	S75 and (plasma or ioniz\$3)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:37
S79	52	("4765729"   "5328768"   "5595825").PN. OR ("5800918").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/16 10:46
S80	1226	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and (primer or sublayer or sub layer or priming) same (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:49
S81	658	S80 and (ioniz\$4 or plasma)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:50
S82	395	S81 not etch\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:50
S83	963	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and (primer or sublayer or sub layer or priming) same (plasma or ioniz\$4) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide) and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:54
S84	166	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same glass and (primer or sublayer or sub layer or priming) same (plasma or ioniz\$4) and (silica or "SiO.sub.2" or silicone dioxide or silicon oxide)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/16 10:55

S85	90723	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same (coat\$3 or film\$3 or layer\$3 or surface) and glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 06:47
S86	190622	(plasma or ioniz\$3 near2 gas) same (air or oxygen or "O. sub.2" or argon or Ar or hydrogen or "h.sub.2" or ammonia) or ion near2 beam	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 06:49
S87	11678	S85 and S86	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 06:49
S88	4701	S87 not etch\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 06:50
S89	3	((("4983459") or ("4276350") or ("4301197"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 06:54
S90	32	("4263371"   "4276350"   "4301197"   "4529657").PN. OR ("4983459").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 06:55
S91	21	("3418153"   "3420693"   "3438760"   "3558345"   "3926604"   "4086178"   "4089804").PN. OR ("4276350").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 06:55
S92	23	("2184876"   "2811408"   "3616839"   "3666614"   "3808077"   "3900617"   "4027072"   "4204025").PN. OR ("4301197").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 06:56
S93	58	S90 or S91 or S92	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 06:57
S94	20	S93 and (plasma or ion)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 06:57
S95	25	("2951862"   "3012006"   "3114760"   "3127433"   "3427336"   "3579557"   "4120995"   "4539061"   "4673474"   "4724022"   "4983459"   "4992300"   "4997684"   "5011963"   "5133895"   "5380585"   "5580605").PN. OR ("6521334").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:03

S96	26	("2951862"   "3012006"   "3114760"   "3127433"   "3427336"   "3579557"   "4120995"   "4539061"   "4673474"   "4724022"   "4983459"   "4992300"   "4997684"   "5011963"   "5133895"   "5328768"   "5580605").PN. OR ("6503567"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:03
S97	28	S95 or S96	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:03
S98	6108	S87 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:06
S99	5959	S98 and (minutes or time)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:06
S100	60	S99 and plasma with (vapor or CVD) and fluorosilane	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:07
S101	61	S99 and (plasma with (vapor or CVD) or PECVD) and fluorosilane	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:07
S102	2737	S99 and (plasma with (vapor or CVD) or PECVD)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:11
S103	17424	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same (coat\$3 or film\$3 or layer\$3 or surface) same (glass or transparent)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:13
S104	3056	S103 and S86	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:13
S105	1796	S104 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:13
S106	1745	S105 and (minutes or time)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:13
S108	871	S106 and (plasma with (vapor or CVD) or PECVD)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:14
S109	380	S106 and (plasma with (vapor or CVD) or PECVD)	USPAT	ADJ	ON	2010/09/23 07:16
S110	491	S106 and (plasma with (vapor or CVD) or PECVD)	US-PGPUB	ADJ	ON	2010/09/23 07:16

S111	2	((("5556667") or ("5250322")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 07:31
S112	40	("4525213"   "4648904"   "4874431"   "5051129"   "5073195"   "5196054").PN. OR ("5250322").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:32
S113	23	("2887412"   "3920862"   "4297396"   "4341821"   "4344991"   "4396651"   "4477486"   "4479987"   "4935264"   "4976992"   "4997684"   "5075139"   "5266358"   "5370905"   "5424130"   "5500274"   "Re25767").PN. OR ("5556667"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:33
S114	62	S112 or S113	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:33
S115	30	S114 and (ion or plasma)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:33
S116	48	S103 and 427/535.ccls.	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 07:37
S117	1	("5413865").PN. OR ("6685992").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:41
S118	1	("5378527").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 07:45
S119	84	("4072782"   "4400410"   "4485146"   "4504519"   "4597844"   "4636435"   "4661409"   "4777090"   "4783361"   "4907846").PN. OR ("5378527").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 07:47
S120	677	S103 and plasma same (fluorine or sulfur hexafluoride or "SF. sub.6" or "CF.sub.4" or "C. sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:04
S121	552	S120 and etch\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:05
S122	394	S121 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:05

S123	292	S103 and plasma same (fluorine or sulfur hexafluoride or "SF.sub.6" or "CF.sub.4" or "C.sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane) same etch \$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:09
S124	249	S123 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:09
S125	23577	plasma same (fluorine or sulfur hexafluoride or "SF.sub.6" or "CF.sub.4" or "C.sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane) same etch \$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:14
S126	249	S124 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:14
S127	18725	S125 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:16
S128	6447	S125 same (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:16
S129	17502	plasma with (fluorine or sulfur hexafluoride or "SF.sub.6" or "CF.sub.4" or "C.sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane) same etch \$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:17
S130	12636	plasma with (sulfur hexafluoride or "SF.sub.6" or "CF.sub.4" or "C.sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane) same etch \$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:17
S131	11415	plasma with (sulfur hexafluoride or "SF.sub.6" or "CF.sub.4" or "C.sub.2" "F.sub.6" or hexafluoroethane or hexa fluoroethane or tetrafluoromethane) with etch \$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:17
S132	2748	S131 same (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:17

S133	8	S132 and 427/535.ccls.	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 08:18
S134	51	("5415927").URPN.	USPAT	ADJ	ON	2010/09/23 10:08
S135	310366	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:13
S136	846	float near3 glass and S135	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:13
S137	512	S136 and (bend\$3 or toughen \$3 or assembl\$3 or lamination)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:14
S138	336	S137 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:14
S139	19	S138 and molten with tin	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:14
S140	254	S138 and tin	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:15
S141	571	S136 and (bend\$3 or toughen \$3 or assembl\$3 or lamination or conversion)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:20
S142	460	S141 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2" or metal oxide)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:20
S143	351	S142 and tin	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:20
S144	26	S142 and tin same molten	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 10:20
S145	34	("2526431"   "2699403"   "3481756"   "3758284"   "3950588"   "4263371"   "4276350"   "4301197"   "4381204"   "4529657"   "4617057"   "4724022"   "4879345"   "4983459"   "4997684"   "5221371"   "5308705"   "5314731"   "5328768"   "5368892"   "5413865"   "5421866"   "5424130"   "5425804"   "5523161"   "5523162"   "5707740").PN. OR ("5980990"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 10:21



S146	33	("2526431"   "3950588"   "4263371"   "4276350"   "4301197"   "4381204"   "4529657"   "4617057"   "4724022"   "4879345"   "4983459"   "4997684"   "5308705"   "5314731"   "5328768"   "5368892"   "5413865"   "5421866"   "5424130"   "5425804"   "5523161"   "5523162").PN. OR ("5707740").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 10:21
S147	42	S145 or S146	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 10:22
S148	8	S147 and float	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 10:24
S149	525	S136 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:01
S150	68	S149 and plasma with (air or oxygen or "o.sub.2" or nitrogen or "n.sub.2" or argon or "h. sub.2" or ammonia)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:02
S151	1777	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) same glass and plasma with (air or oxygen or "o. sub.2" or nitrogen or "n.sub.2" or argon or "h.sub.2" or ammonia)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:05
S152	1007	S151 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:05
S153	645	S151 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and plasma same (clean\$3 or activat\$5)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:06
S154	460	S151 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and plasma with (clean\$3 or activat\$5)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:06
S155	63	S151 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and (fluorine with (silane or silicone) or fluorsilane or fluor silane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:10

S156	8036	((moisture or water) with repellen\$5 or hydrophobic\$4 or hydro phobic\$4 or nonwetting or non wetting) and glass and plasma with (air or oxygen or "o.sub.2" or nitrogen or "n.sub.2" or argon or "h.sub.2" or ammonia)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:14
S157	305	S156 and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and (fluorine with (silane or silicone) or fluorsilane or fluor silane)	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:14
S158	627	saint gobain.as. and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2")	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:54
S159	133	saint gobain.as. and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and glass and plasma	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:55
S160	6	saint gobain.as. and (mineral with silicon or silicon dioxide or silicon oxide or "SiO.sub.2") and glass and plasma same clean\$3	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 11:55
S161	52	("4765729"   "5328768"   "5595825").PN. OR ("5800918").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 12:05
S162	1	("6461670").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/09/23 13:26
S163	7	("5314731"   "5413865"   "5808125"   "6235833").PN. OR ("6461670").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 13:26
S164	60	float same glass same molten with tin same (bend\$3 or toughen\$3 or assembl\$3 or conversion or laminat\$4)	US-PGPUB; USPAT	ADJ	ON	2010/09/23 13:28
S165	19	("3453095"   "3533888"   "3630704"   "3798013"   "3990877").PN. OR ("4671814").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/09/23 13:41
S166	323	saint gobain.as. and float near2 glass	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 13:50
S167	58	saint gobain.as. and float near2 glass and tin with molten	US-PGPUB; USPAT; FPRS	ADJ	ON	2010/09/23 13:50
S168	39	S167 and (bend\$3 or toughen \$3 or assembl\$3 or conversion or laminat\$4)	US-PGPUB; USPAT	ADJ	ON	2010/09/23 13:51

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